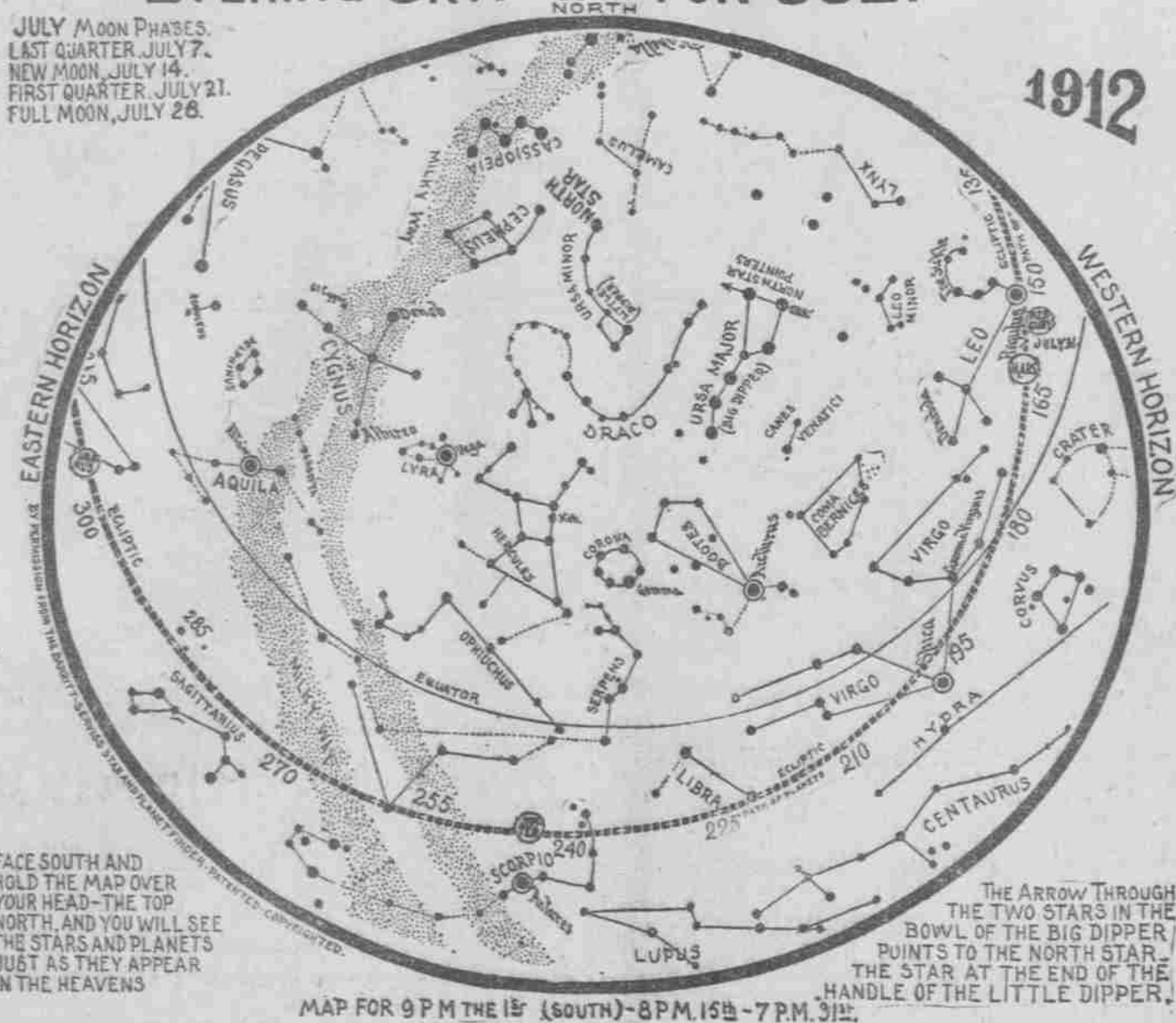


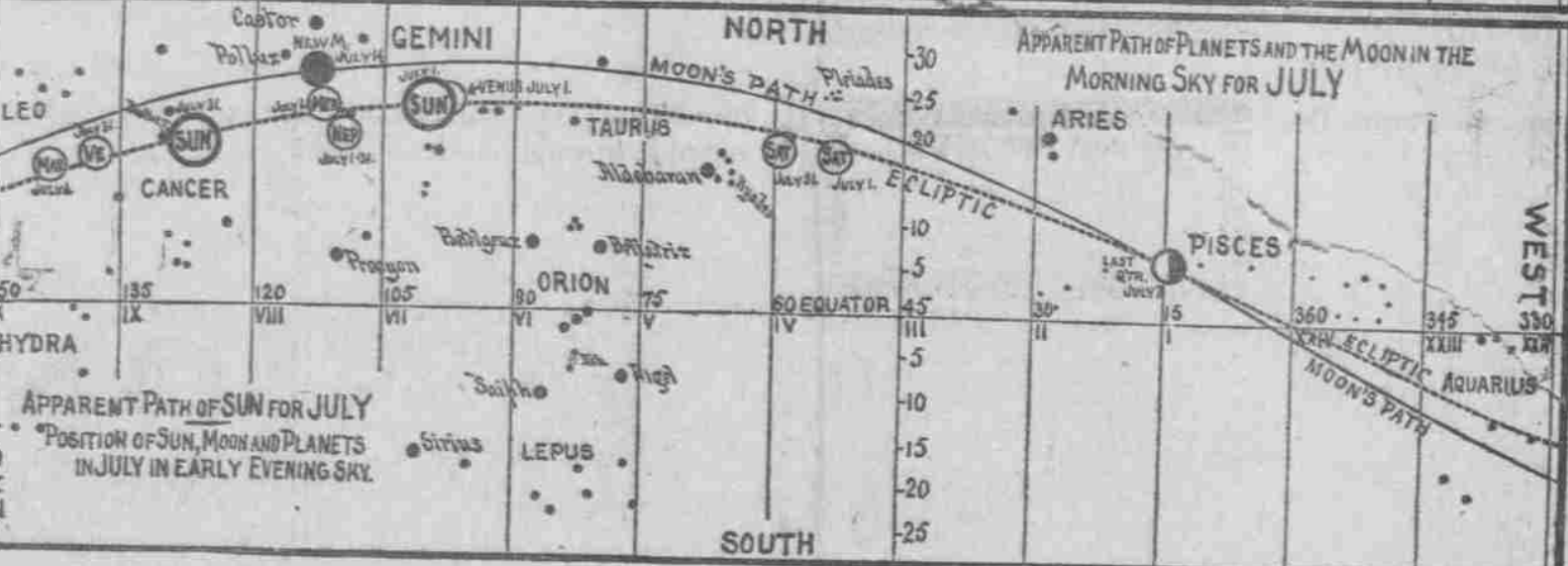
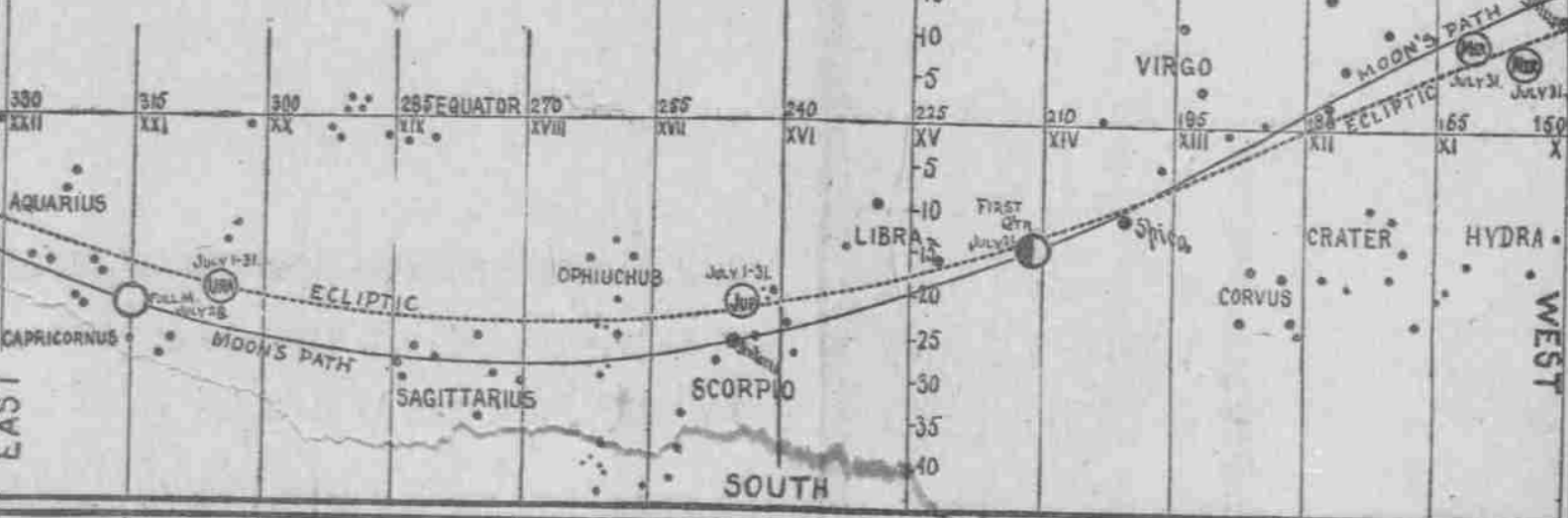
EVENING SKY MAP FOR JULY

JULY MOON PHASES.
LAST QUARTER, JULY 7.
NEW MOON, JULY 14.
FIRST QUARTER, JULY 21.
FULL MOON, JULY 28.



MAP FOR 9 P.M. THE 15 (SOUTH)-8 P.M. 15th-7 P.M. 31st.

APPARENT PATH OF PLANETS AND THE MOON IN THE EVENING SKY FOR JULY



(By Leon Barritt.)

AS THE constellation Scorpio moves up along the southeastern sky these July nights its striking string of stars, the most conspicuous in that part of the heavens, has an added interest because of the planet Jupiter within its borders. There can be no mistaking the Jovian majesty, the largest planet in our solar system, measuring 85,000 miles in diameter. Below some eight or ten moon disks and a little to the west, is the first magnitude star Antares, a bright red star, which ordinarily arrests attention, but its glory is dimmed by the nearness of the great planet. His brilliance is so marked by comparison, at all times,

that he excites the liveliest interest. Even from those who give the heavens but passing consideration. No wonder then that Galileo, in 1610, should have made Jupiter one of the first objects in the heavens for investigation with his newly invented telescope, which revealed to his delight, and to the astonishment of the scientific world, that it had four satellites revolving about it. These satellites are a never ending source of interest to the beholder. They are designated by the Roman numerals I, II, III and IV, although named, their names are seldom used. No. I is 2500 miles in diameter, 260,000 miles distant from Jupiter, and its period of revolution about the planet is less than two days. No. II is 2100 miles in diameter and 115,000 miles distant from its primary, and has a period of about three and one-half days. No. III, 5000 miles in diameter, 254,000 miles distant, and has a period of 7 days and 4 hours. No. IV is 3000 miles in diameter, and 1,147,000 miles distant, and its period is 16 days, 16 hours and 22 minutes.

New Satellites.
Through the development of the telescope and dry plate photography, four other small satellites have been added to this group. The first of these, the "Fifth," was discovered by Prof. G. B. Burnard in 1892. It is the innermost, being 112,000 miles distant from Jupiter, and is 100 miles in diameter. Its period is 13 hours. Nos. VI and VII were discovered by Perrine, of the Lick Observatory, in 1904-5. Periods 251 and 260 days respectively.
By means of photography in February, 1908, Prof. P. J. Melotte, of the Greenwich Observatory, discovered the eighth satellite. The writer has an interesting copy of this photograph, and through enlarged three diameters, the object appears as a mere needle point, scarcely distinguishable to the naked eye. It is of the 17th magnitude and is estimated to be not more than 35 miles in diameter. It has a very retrograde orbit, much more distant from its primary than any other known satellite, very eccentric and highly inclined, and with a retrograde motion, in the opposite direction to that of the other satellites of Jupiter—they moving eastward and this little fellow westward. Its nearest distance from Jupiter is 10,000,000 miles and its greatest distance 20,000,000 miles, and its period of revolution is 530 days.
It was for some time doubtful when first discovered whether it was a satellite or a minor planet, and its true nature was only determined after three months of careful observation. The object is faint, that it required an exposure of 50 minutes to produce it on the plate.

Jupiter in Cloudlike State.
Jupiter appears to be in a cloud like state and shines by reflected light. What it is composed of is not known, as it simply reflects the sun's rays and the spectroscopic is therefore unable to enlighten us upon the subject. Dusky belts mark the equatorial region, but their cause is unknown. In 1878 a great red spot appeared south of its equator, but it is not now visible. Jupiter's mean distance from the earth is 390,000,000 miles and its average distance from the sun is 483,000,000 miles. It is flattened at the poles and bulges at the equator, caused pre-

sumably by its rapid rotation, as it revolves on its axis completely in the remarkably short period of 9 hours and 55 minutes, the axial rotation being nearly perpendicular to the plane of its orbit. Jupiter's polar diameter is 80,000 miles and its equatorial diameter is 86,000 miles, a difference of 6000 miles.

Jupiter is in opposition on June 1st, that is on the opposite side of the earth to the sun, at which times it is seen to the best advantage, being nearest to the earth. These periods of opposition recur every 399 days—the sun, the earth and Jupiter being in a direct line, the planet rising about sunset and remaining in view all night.

JULY PLANETARY CONFIGURATIONS.

(El Paso Time.)

July 4, 4 p. m.—Earth in aphelion—greatest distance from the sun.
July 5, 7 p. m.—Venus and sun in superior conjunction.
July 10, 9 p. m.—Saturn and moon in conjunction. Saturn 5 degrees 25 minutes south.

July 13, 1 p. m.—Venus and Neptune in conjunction. Venus 1 degree 27 minutes north.

July 14, 7:21 a. m.—Neptune and moon in conjunction. Neptune 5 degrees 34 minutes south.

July 15, 3:21 p. m.—Venus and moon in conjunction. Venus 4 degrees 5 minutes south.

July 16, 10:16 p. m.—Mercury and moon in conjunction. Mercury 3 degrees 55 minutes south.

July 16, 4 a. m.—Neptune and sun in conjunction.

July 16, 3 p. m.—Mars and moon in conjunction. Mars 2 degrees 46 minutes south.

July 19, 9 a. m.—Mercury in descending node.

July 22, 8 a. m.—Venus in perihelion—nearest to sun.

July 22, 10 p. m.—Jupiter and moon in conjunction. Jupiter 4 degrees 55 minutes north.

July 24, 12 m.—Uranus and sun in opposition.

July 25, 8 a. m.—Mercury greatest elongation east 27 degrees 6 minutes.

July 28, 8:27 p. m.—Uranus and moon in conjunction. Uranus 4 degrees 21 minutes north.

July 29, 2 p. m.—Mercury in aphelion.

(El Paso Time.)
July 7, 9:46 a. m.—Last quarter.
July 10, 10:12 p. m.—First quarter.
July 28, 9:28 p. m.—Full moon.

The Planets for July.
Mercury will be an evening star for a few days before and after July 24. It will be found in the constellation Leo near the first magnitude star Regulus and will set about an hour and a half after the sun and a few degrees south of the point on the horizon at which the sun disappeared.

Venus will be too near the sun to be seen during July, passing the sun on the side opposite to the earth on July 24—superior conjunction it is termed.

Mars is receding from the earth and now is only about as bright as a second magnitude star. It will be found in "the Sickle" of the constellation Leo. It sets shortly after the sun during July.

Jupiter is moving grandly into view and will be finely placed for observation in the southeastern sky during the

month. It will be the most conspicuous object in the heavens and will be found directly over north of Antares in the constellation Scorpio. It has a retrograde movement of one degree this month.

Saturn is now visible as a morning star near the Pleiades.

Uranus is coming into view in the east about 9 p. m. on the 1st, and will be found in the constellation Capricornus. It will be in opposition with the sun on July 24.

Neptune will be in conjunction with the sun on July 16, and will be too near the sun during this month to be visible.

CITY AND COUNTY OFFICIALS

TO OBSERVE GLORIOUS FOURTH

In observance of the Fourth of July, the flag will be flying from the cupola of the county courthouse, and every office that building will be closed throughout the day.

With the exception of the office of the city health department, the city hall will be vacated Thursday. The city council will convene at 10 o'clock Thursday morning, and after the members have answered to the roll call, adjournment will be taken. Not even routine business will be transacted.

The regular session of the city council will be held at 10 o'clock Friday morning.

FREE TO ASTHMA SUFFERERS

A New Home Cure That Anyone Can Use Without Discomfort or Loss of Time.

We have a New Method that cures Asthma, and we want you to try it at our expense. No matter whether your case is of long-standing or recent development, whether it is present as hay-fever or chronic Asthma, our method will cure you. No matter in your age or occupation, our method will cure you right in your own home.

We especially want to send it to those apparently hopeless cases, where all forms of inhalers, douches, and preparations, fumers, "patent smokes," etc., have failed. We want to show everyone at our own expense that this new method will end all difficult breathing, all wheezing, and all those terrible paroxysms at once and for all time.

This free offer is too important to neglect a single day. Write now and begin the cure at once. Send no money. Simply mail coupon below. Do It To-day.

FREE ASTHMA COUPON.
FRONTIER ASTHMA CO., Room 254C, Niagara and Hudson Sts., Buffalo, N. Y.

Send free trial of your method to:

NAME _____

ADDRESS _____

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STATE _____

ZIP _____

DATE _____

SIGNATURE _____

MAIL TO: _____

INCENDIARY AT WORK IN DEMING

Attempts Said to Have Been Made to Burn New Baker Building.

The Deming office of The El Paso Herald is room 11, Mahoney block. Roy Bedichek is agent and correspondent.

The Herald's distributor in Deming is the Laffey & Field Clear and News Store. The Herald will be delivered to all parts of the city same night of publication, at 60 cents per month.

Deming, N. M., July 3.—Two attempts are believed to have been made to burn the new Baker building. On one occasion, about 6 o'clock, J. G. Cooper discovered the fire just starting in shavings and extinguished it. A few minutes later, another fire was kindled in the same room, but it was discovered before any damage was done.

J. D. Baker, of El Paso, is in Deming on business. He states that Judge Richardson of El Paso is on his way here by automobile to the Los Angeles Times, stating that he would likely return from the east over the Borderland route.

Mr. Dosillite, manager of the Alamo Huaco ranch, came to Deming in his automobile.

Mr. N. A. Bolch and daughter, Esther, have returned from Boston. Miss Esther is taking a course in the Boston conservatory of music. She will resume her studies there in September.

W. F. Kealy, who has been visiting his brother, for several months, has returned to Emporia, Kan. Tom Webb, brother of A. P. Webb, has left for a visit to Kentucky.

Mr. E. Trowbridge, who has been visiting relatives in Quincy, Ill., has returned home.

A wild Mexican was captured last night in the city hall where he had taken refuge from the officers. He stood off the officers for some time with a wicked looking bayonet, until a lariat was produced when he threw up his hands and submitted to arrest.

He is thought to be insane. The bayonet which he had is a curious relic, bearing the imprint "1914." He was taken to the hospital, and after drinking a cup, he then drank eight glasses of water.

The Deming baseball team has returned from Ft. Bayard. The game with Ft. Bayard Sunday was hard fought and interesting, resulting in favor of Ft. Bayard by a score of 4 to 3. Bixler was hurt in the seventh inning, and Greenway took his place in the box. A large game with Silver City was played yesterday resulting in a score of 11 to 11. The lineup of the Deming team was as follows: Carter, c; Rodolf, 1b; Hughes, 2b; Mike Oroco, 3b; Clark, 3b; Greenway, if and p; Pat Carter, cf; Hododino, lf; Sam Watkins, rf; Bixler, p. The Deming team will play either Silver City or Hurley here next Sunday.

Mr. Newman, formerly of Douglas, Ariz., is shipping in a number of fine teams and will engage in the drayage business here.

PUTTING RAILWAYS ABOVE THE FLOODS

Santa Fe and G. H. & S. A. Raising Grades Along the River.

Extensive improvements on the local division of the A. T. & S. F. railway will begin within a week. Road troubles from high water will be a thing of the past, officials say, after the completion of the work.

It is decided to raise a large portion of the Santa Fe right-of-way between Courchesne, just above El Paso, and the New Mexico state line. This section of the El Paso division has suffered most from the flood waters incident to spring rains. The road bed will be raised at the lowest points, and leveled in such a manner as to prevent any ordinary floods from damaging the stability of the tracks.

This improvement is in accordance with what is being done on other local railways. The G. H. & S. A. railway, which suffered heavily recently from floods of the Rio Grande near Fabens, Texas, is also being improved along the right-of-way by dikes between the tracks and the river. The heavy rains came in June this year, instead of in July, as is usual, and railway officials are determined that before another spring, and even before the midsummer freshets, that the railway traffic will not be hindered.

LIGHTNING STRIKES

WOMAN IN CORONA, N. M.

Corona, N. M., July 3.—While Mrs. Jose Chavez was standing near the stove in her kitchen, lightning struck the house and the bolt running down the stove pipe rendered Mrs. Chavez unconscious. She was not seriously injured, but received a severe shock.

John Owen and family are in town to spend the Fourth. John will enter a pony or two in the races.

Jess Bond and Geo. Clements have been in the White Oaks country for the past ten days working the road. They came in to spend the Fourth.

Joe Holman, Bill Dug and marshal Atkinson have left for Las Vegas to be present at the Flynn-Johnson fight.

Bob and Will Williamson have returned from a business trip to Tulsa.

Lora Simpson came down from Duran with his bride. The groom is a son of Rev. W. W. Simpson, formerly of this place. The bride is the daughter of Will Snodgrass, a prominent ranch man of near Duran.

Bill Ward, of Roswell, is in town with a race horse that he wishes to carry of the money in the races on the Fourth.

Charlie Cook will be down from Duran, N. M., today with his half mile horse.

Miss Hattie Brown, of El Paso, Tex., is visiting Mrs. J. T. Davidson at this place for a few days. She will stay until after the Fourth. Miss Brown once lived here.

Jno. Swanson has left for Tulare for a few days.

T. M. DuBoise went to Carizozo on business.

The boys who will take part in the goat roping contest are very busy practicing.

N. S. Brown has left for El Paso after proving up on his homestead near here.

Will Doering of Carizozo is installing a new set of Moen lamps in the Atkinson dance hall.

FAST PUTTING DOWN THE STANTON STREET CAR LINE
Night and day crews are at work on the Stanton street car line. The switches and crossings which have been delayed in arriving from the foundry have finally come and San Antonio street was a busy place all night Monday night with the crews of workmen setting the big San Antonio and Stanton street cars.

The crossings for the Texas street car line and the G. H. and Southwest street car line will be set at once. The car line down Stanton street has been laid and the trolley poles and wires strung.

The Park and Myrtle avenue cars were diverted by way of Campbell and Mills streets while the San Antonio street intersection is being put in.

Released Under Bond.
Manuel Valenzuela, arrested on a charge of theft under \$50 on complaint filed in the county court, was released Tuesday afternoon on a \$500 bond.

An Editorial

From the Detroit Times
June 12, 1912

If The Price of Coffee Would Double Again All The Better!

The price of coffee has doubled in three or four years. And this, despite production has doubled in that time. And this, despite production has doubled in that time. The reason for the present high price of coffee was sought and it has been found that the market supply has been artificially restricted. The Brazilian government is in the operation and participated in the profits to the extent of an export for a three cents a pound. And American bankers are financing the scheme.

Disabulous plot? Outrageous conspiracy? Perhaps!

But we did not take our pen in hand to condemn anybody concerned except COFFEE DRINKERS—to condemn them and, also, to congratulate them, both upon the present increased price and the probability that it will go higher.

It isn't exactly inspiring to see American capital finding its way to a foreign country to be used there to the end of exploiting American family pocketbooks.

However, this is not the saddest fact involved, to our way of thinking. It is most regrettable that the consumption of coffee in this country has increased to a point to warrant manipulation of the supply.

We don't like to look upon coffee as becoming a NECESSITY to the American people, and view with alarm the activities of capital suggesting that it is becoming a necessity.

Coffee isn't good for you. Too much of it is positively harmful. If the present price, doubled in four years, would double again, it would be the best thing that ever happened to the excessive coffee drinker.

He wouldn't drink as much of it. Better yet, maybe he wouldn't drink it at all. Just possibly you have put down as being a bit nery in this coming in and sitting down beside you before the coffee pot and telling you to keep hands off.

Nevertheless, we mean well. We are talking for your good. You like coffee, probably, and perhaps you think it is none of your business if you drink it or if you drink all you want of it.

But bring to us a person who drinks two and three cups of coffee regularly for breakfast, or a person who drinks coffee three times a day, and we will show you a person with a bad-acting heart, a sluggish liver, a disordered stomach and a shattered nervous system.

You don't believe us, ask your doctor. He will tell you that coffee contains caffeine, which he gives in the smallest kind of doses for a heart stimulant.

He will tell you further that too much caffeine or too much coffee will give you a palpitating heart.

Then if you are satisfied to run the risk of having that kind of a heart, keep right on drinking all the coffee you want, and excuse us for interfering.

(Detroit Times, June 12, 1912).

Notwadays

Many Former Coffee Drinkers

are using

Instant Postum

This new food drink

Contains No Caffeine—

Costs Less Than Coffee—

Requires No Boiling—and

Tastes Better Than Most Coffee

Stir a spoonful of Instant Postum in a cup of hot water, add cream and sugar to taste and, you at once have a delicious drink that's wholesome, pure, and good for old and young.

A 100-cup tin of Instant Postum is the best for grocers, 1-2 ct. per cup. Smaller tins at 3 ct. Standard Postum, large pkg. (the min.) 25 ct.

Both produce the same result; one by boiling instantly.

Coffee averages about double that cost.

Housewives appreciate Instant Postum because it saves work and fuss in the preparation of a meal; and for its intrinsic merit.

Ask your grocer about it. If he doesn't carry a supply, send us your address with a 2-cent stamp and your grocer's name and we will send you a free sample of this newest food drink.

"There's a Reason"

POSTUM CEREAL CO., LTD., BATTLE CREEK, MICH.

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